

ABSTRACT OF THE DISCLOSURE

A filtration device is equipped with: a filtration tank; a layer of particulate filtration media within the filtration tank; a cleansing tank, which is vertically placed within the filtration tank and which has an opening at the lower end thereof; and a screw conveyor for cleansing the filtration media, which is provided within the cleansing tank. The screw conveyor has a shaft, which is suspended within the filtration tank from above. The upper portion of the shaft is driven, and the lower portion of the shaft is supported by an axial support section, which is fixed to the lower portion of the cleansing tank. The axial support section is equipped with a frictional wear compensating mechanism at a portion thereof at which the shaft and the axial support section contact each other.